Customer Number: 38107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kruiskamp et al.

Serial Number: 10/560,871

Filed: 14 December 2005

Title: Method for Shimming a Main Magnetic Field in Magnetic Resonance

Date of Last Office Action: 19 September 2006

Attunit: 2859

Cleveland, OH 44143

Atturney Docket Number: PHNL030695US

Date: 19 January 2007

RESPONSE A - Amendment

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Response is responsive to the Office Action dated 19 September 2006. Entry of the following amendments together with reexamination and reconsideration of the application is respectfully requested.

Amendments to the Drawings begin on page 2 of this paper and include an attached replacement sheet(s).

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper. The listing of claims will replace all prior versions, and listings, of claims in the application.

Remarks begin on page 5 of this paper.

CERTIFICATE OF ELECTRONIC TRANSMISSION

It certify that this correspondence and accompanying documents are being filled on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filling system (EFS-Web).

January 19, 2007

Patricia A. Heim